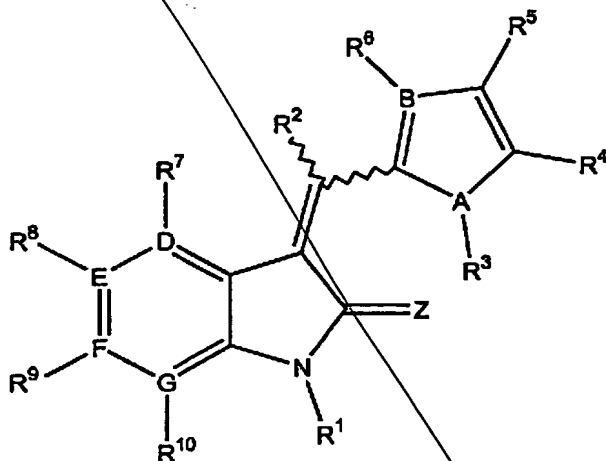


Please substitute pages 41-54 with the pages 41-54 attached as Appendix II.

IN THE CLAIMS:

Please enter the following amendments by deleting the bracketed material:

c2
1. [A 3-heteroarylideneazaindolin-2-one] An azaindole compound having the following chemical structure:



wherein,

A is selected from the group consisting of nitrogen, oxygen and sulfur and it is understood that when A is oxygen or sulfur, R³ does not exist and there is no bond;

B, D, E, F and G are independently selected from the group consisting of carbon and nitrogen wherein only one of D, E, F and G is nitrogen and the other of D, E, F, and G are carbon, and it is understood that when B, D, E, F or G is nitrogen, R⁶, R⁷, R⁸, R⁹ and R¹⁰, respectively, do not exist and there is no bond;

Z is selected from the group consisting of oxygen, sulfur and NR¹¹ wherein,

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R^{11} is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, hydroxy, alkoxy, aryloxy, carbonyl, [C-carboxyl, O-carboxyl, C-amido, guanyl, sulfonyl] $-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, $C(=O)NR^{12}R^{13}$, and $R^{12}R^{13}NC(=N)-$, wherein R'' is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl (bonded through a ring carbon) and heteroalicyclic (bonded through a ring carbon), and wherein R^{12} and R^{13} are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, carbonyl, sulfonyl and combined, a five-six-member heterocyclic ring containing at least one nitrogen and trihalomethanesulfonyl;

R^1 is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, trihalomethanecarbonyl, [sulfonyl, trihalomethanesulfonyl, [C-carboxyl, O-carboxyl, C-amido, and guanyl] $-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, wherein

R'' is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl (bonded through a ring carbon) and heteroalicyclic (bonded through a ring carbon),

$-C(=O)NR^{12}R^{13}$, and $R^{12}R^{13}NC(=N)-$ wherein

R^{12} and R^{13} are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, carbonyl, sulfonyl and combined, a five-six-member heterocyclic ring containing at least one nitrogen;

R^2 is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl and halogen; when A is nitrogen,

R^3 is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, hydroxy, alkoxy, aryloxy, carbonyl, [C-carboxyl, O-carboxyl, C-amido, guanyl, sulfonyl] $-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, $-C(=O)NR^{12}R^{13}$, and $R^{12}R^{13}NC(=N)-$, wherein R'' is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl (bonded through a ring carbon) and heteroalicyclic (bonded through a ring

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C2

carbon), and wherein R^{12} and R^{13} are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, carbonyl, sulfonyl and combined, a five-six-member heterocyclic ring containing at least one nitrogen and trihalomethanesulfonyl;

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 $R^4, R^5, R^6, R^7, R^8, R^9$ and R^{10} are independently selected from the group consisting of hydrogen, alkyl, trihaloalkyl, cycloalkyl, alkenyl, alkynyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, aryloxy, thiohydroxy, thioalkoxy, thioaryloxy, sulfinyl, [sulfonyl,] S-sulfonamido, N-Sulfonamido, trihalomethanesulfonyl, trihalomethane-carbonyl, carbonyl, [C-carboxyl, O-carboxyl, C-amido, N-amido,] $-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, wherein

R'' is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl (bonded through a ring carbon) and heteroalicyclic (bonded through a ring carbon),

$-C(=O)NR^{12}R^{13}$, and $R^{12}R^{13}NC(=N)-$ wherein

R^{12} and R^{13} are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, carbonyl, sulfonyl and combined, a five-six-member heterocyclic ring containing at least one nitrogen

cyano, nitro, halo, O-carbamyl, N-carbamyl, O-thiocarbamyl, N-thiocarbamyl, guanyl, guanidino, ureido, amino and $-NR^{12}R^{13}$, wherein

R^{12} and R^{13} are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, carbonyl, sulfonyl and, combined, a five- or six-member heteroalicyclic ring containing at least one nitrogen; and,

[R^4 and R^5 or R^5 and R^6 may combine to form a six-member cycloalkyl, aryl, heteroaryl or heteroalicyclic ring;]

and the physiologically acceptable salts [and prodrugs] thereof.

C3 2. The [compound, salt or prodrug] compound or salt of claim 1 wherein R¹ is selected from the group consisting of hydrogen and alkyl.

3. The [compound, salt or prodrug] compound or salt of claim 2 wherein Z is oxygen.

Sub D2 4. The [compound, salt or prodrug] compound or salt of claim 3 wherein R² is hydrogen.

Sub E2 5. The [compound, salt or prodrug] compound or salt of claim 4 wherein R⁷, R⁸, R⁹ and R¹⁰ are independently selected from the group consisting of hydrogen, alkyl, alkoxy, thioalkoxy, nitro, amino and N-amido.

6. The [compound, salt or prodrug] compound or salt of claim 5 wherein D is nitrogen.

7. The [compound, salt or prodrug] compound or salt of claim 5 wherein E is nitrogen.

8. The [compound, salt or prodrug] compound or salt of claim 5 wherein F is nitrogen.

9. The [compound, salt or prodrug] compound or salt of claim 5 wherein G is nitrogen.

C4 11. The [compound, salt or prodrug] compound or salt of claim 1 wherein A is nitrogen.

12. The [compound, salt or prodrug] compound or salt of claim 11 wherein R³ is selected from the group consisting of hydrogen and alkyl.

Sub D3 13. The [compound, salt or prodrug] compound or salt of claim 12 wherein R⁴, R⁵ and R⁶ are independently selected from the groups consisting of hydrogen, alkyl, C-carboxy and a six-member cycloalkyl ring formed by the combination of R⁴ and R⁵.

contd.
C.4

14. The [compound, salt or prodrug] compound or salt of claim 12 wherein R⁴ and R⁶ are alkyl and R⁵ is hydrogen.

15. The [compound, salt or prodrug] compound or salt of claim 1 wherein A is sulfur.

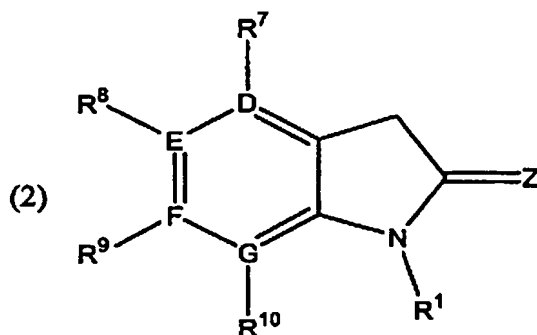
Sub E3
16. The [compound, salt or prodrug] compound or salt of claim 15 wherein R⁴, R⁵ and R⁶ are heteroaryl, aryloxy, thioalkoxy, halo, nitro, trihalomethane-carbonyl and an aryl ring or a heteroaryl ring formed by the combination of R⁴ and R⁵.

C5
19. A pharmacological composition of said [compound, salt or prodrug] compound or salt of claim 1.

20. A method for the modulation of the catalytic activity of a protein tyrosine kinase comprising administering said [compound, salt or prodrug] compound or salt of claim 1 to said protein tyrosine kinase.

21. A method for treating ~~for preventing~~ a protein tyrosine kinase related disorder in an organism comprising administering a therapeutically effective amount of said pharmacological composition of claim 19 to said organism.

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41. A method for synthesizing a [an indolinone] compound of [any one of claims] claim 1 comprising the step of reacting a first reactant with a second reactant in a solvent and in the presence of a base at elevated temperatures, wherein said first reactant has [is airazaindolin-2-one having] the structure set forth in formula 2

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wherein

D, E, F and G are independently selected from the group consisting of carbon and nitrogen wherein only one of D, E, F and G is nitrogen and the other of D, E, F, and G are carbon, and it is understood that when D, E, F or G is nitrogen, R⁷, R⁸, R⁹ and R¹⁰, respectively, do not exist and there is no bond;

R⁷, R⁸, R⁹ and R¹⁰ are independently selected from the group consisting of hydrogen, alkyl, trihaloalkyl, cycloalkyl, alkenyl, alkynyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, aryloxy, thiohydroxy, thioalkoxy, thioaryloxy, sulfinyl, [sulfonyl,] S-sulfonamido, N-Sulfonamido, trihalomethanesulfonyl, carbonyl, [C-carboxyl, O-carboxyl, C-amido,] N-amido, -C(=O)O-R'', R''C(=O)O-, -S(=O)₂R'', wherein

R'' is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl (bonded through a ring carbon) and heteroalicyclic (bonded through a ring carbon),

-C(=O)NR¹²R¹³, and R¹²R¹³NC(=N)- wherein

R¹² and R¹³ are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, carbonyl, sulfonyl and combined, a five-six-member heterocyclic ring containing at least one nitrogen,

cyano, nitro, halo, O-carbamyl, N-carbamyl, O-thiocarbamyl, N-thiocarbamyl, guanyl, guanidino, ureido, amino, and -NR¹²R¹³, wherein

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R^{12} and R^{13} are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, carbonyl, sulfonyl and, combined, a five- or six-member heteroalicyclic ring containing at least one nitrogen; and,

Z is selected from the group consisting of oxygen, sulfur and NR^{11} wherein,

R^{11} is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, hydroxy, alkoxy, aryloxy, carbonyl, [C-carboxyl, O-carboxyl, C-amido, guanyl, sulfonyl] and trihalomethanesulfonyl $-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, $-C(=O)NR^{12}R^{13}$, and $R^{12}R^{13}NC(=N)-$ wherein R'' is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl (bonded through a ring carbon) and heteroalicyclic (bonded through a ring carbon), and wherein R^{12} and R^{13} are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, carbonyl, sulfonyl and combined, a five-six-member heterocyclic ring containing at least one nitrogen,;

and

R^1 is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, trihalomethanecarbonyl, [sulfonyl,] and trihalomethanesulfonyl, [C-carboxyl, O-carboxyl, C-amido, and guanyl] $-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, wherein

R'' is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl (bonded through a ring carbon) and heteroalicyclic (bonded through a ring carbon),

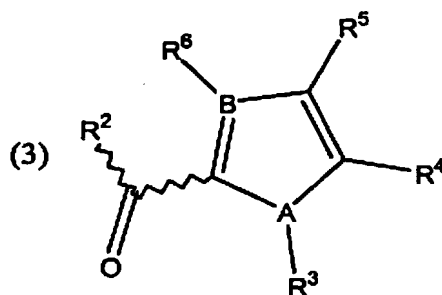
$-C(=O)NR^{12}R^{13}$, and $R^{12}R^{13}NC(=N)-$ wherein

R^{12} and R^{13} are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, carbonyl, sulfonyl and combined, a five-six-member heterocyclic ring containing at least one nitrogen,;

and wherein said second reactant is an acyl compound having the structure set forth in formula 3

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wherein

A is selected from the group consisting of nitrogen, oxygen and sulfur and it is understood that when A is oxygen or sulfur, R^3 does not exist and there is no bond;

B is selected from the group consisting of carbon and nitrogen and it is understood that when B is nitrogen, R^6 does not exist and there is no bond;

R^2 is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl and halogen;

when A is nitrogen,

R^3 is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, hydroxy, alkoxy, aryloxy, carbonyl, [C-carboxyl, O-carboxyl, C-amido, guanyl, sulfonyl] $-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, $-C(=O)NR^{12}R^{13}$, and $R^{12}R^{13}NC(=N)-$, wherein R'' is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl (bonded through a ring carbon) and heteroalicyclic (bonded through a ring carbon), and wherein R^{12} and R^{13} are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, carbonyl, sulfonyl and combined, a five-six-member heterocyclic ring containing at least one nitrogen, and trihalomethanesulfonyl;

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R^4 , R^5 , and R^6 are independently selected from the group consisting of hydrogen, alkyl, trihaloalkyl, cycloalkyl, alkenyl, alkynyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, aryloxy, thiohydroxy, thioalkoxy, thioaryloxy, sulfinyl, [sulfonyl,] S-sulfonamido, N-Sulfonamido, trihalomethanesulfonyl, carbonyl, [C-carboxyl, O-carboxyl, C-amido,] N-amido, cyano, nitro, halo, O-carbamyl, N-carbamyl, O-thiocarbamyl, N-thiocarbamyl, [guanyl,]

$-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, wherein

R'' is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl (bonded through a ring carbon) and heteroalicyclic (bonded through a ring carbon),

$-C(=O)NR^{12}R^{13}$, and $R^{12}R^{13}NC(=N)-$ wherein

R^{12} and R^{13} are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, carbonyl, sulfonyl and combined, a five-six-member heterocyclic ring containing at least one nitrogen,

guanidino, ureido, amino and $-NR^{12}R^{13}$, wherein

R^{12} and R^{13} are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, carbonyl, sulfonyl and, combined, a five- or six-member heteroalicyclic ring containing at least one nitrogen; and,

R^4 and R^5 or R^5 and R^6 may combine to form a six-member cycloalkyl, aryl, heteroaryl or heteroalicyclic ring.

42. The method of claim 41, wherein said first reactant is an azaindolin-2-one selected from the group consisting of the indole portion of the following compounds: [listed in Table 1]
3-(thien-2-methylidenyl)-4-aza-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-4-aza-2-indolinone, 3-(2-methylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(pyrrol-2-methylidenyl)-4-aza-2-indolinone, 3-(4-methylthien-2-methylidenyl)-4-aza-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-[4-(2-methoxycarbonyl)ethyl]-3-methylpyrrol-2-methylidenyl]-4-aza-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(2-methylmercaptothien-

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C7

5-methylidenyl)-4-aza-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-4-aza-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-4-aza-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-4-aza-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-4-aza-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-4-aza-2-indolinone, 3-(3-bromothien-2-methylidenyl)-4-aza-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-4-aza-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-4-aza-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-4-aza-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-4-aza-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-4-aza-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-4-aza-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-4-aza-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-4-aza-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-4-aza-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-2-indolinone, 3-(thien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-5,7-

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diaza-6-methyl-2-indolinone, 3-(2-methylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(pyrrol-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(4-methylthien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-5,7-diaza-6-methyl-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(3-bromothien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5,7-diaza-6-methyl-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-

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5,7-diaza-6-methyl-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-5,7-diaza-6-methyl-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-5,7-diaza-6-methyl-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5,7-diaza-6-methyl-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5,7-diaza-6-methyl-2-indolinone, 3-(thien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-methylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(pyrrol-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(4-methylthien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-[4-(2-methoxycarbonylethyl)-3-methylpyrrol-2-methylidenyl]-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(3-bromothien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-

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5,7-diaza-6-ethylmercapto-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-5,7-diaza-6-ethylmercapto-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-5,7-diaza-6-ethylmercapto-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(thien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(pyrrol-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(4-

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methylthien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-5-methyl-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(3-bromothien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-4-aza-5-methyl-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-

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methylidenyl]-4-aza-5-methyl-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-4-aza-5-methyl-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-4-aza-5-methyl-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-5-methyl-2-indolinone, 3-(thien-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(pyrrol-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(4-methylthien-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-7-aza-5-nitro-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(3-bromothien-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-7-aza-5-nitro-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-ethyl-3-

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methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-7-aza-5-nitro-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-7-aza-5-nitro-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-7-aza-5-nitro-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-7-aza-5-nitro-2-indolinone, 3-(thien-2-methylidenyl)-6-aza-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-6-aza-2-indolinone, 3-(2-methylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(pyrrol-2-methylidenyl)-6-aza-2-indolinone, 3-(4-methylthien-2-methylidenyl)-6-aza-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-6-aza-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-6-aza-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-6-aza-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-6-aza-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-6-aza-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-6-aza-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-6-aza-2-indolinone, 3-(3-bromothien-2-methylidenyl)-6-aza-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(2-

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ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-6-aza-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-6-aza-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-6-aza-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-6-aza-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-6-aza-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-6-aza-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-6-aza-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-6-aza-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-6-aza-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-6-aza-2-indolinone, 3-(thien-2-methylidenyl)-5-aza-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-5-aza-2-indolinone, 3-(2-methylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(pyrrol-2-methylidenyl)-5-aza-2-indolinone, 3-(4-methylthien-2-methylidenyl)-5-aza-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-5-aza-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-5-aza-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-5-aza-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-5-aza-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-

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5-aza-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-5-aza-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-5-aza-2-indolinone, 3-(3-bromothien-2-methylidenyl)-5-aza-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-5-aza-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-5-aza-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5-aza-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-5-aza-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-5-aza-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5-aza-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-5-aza-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-5-aza-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-5-aza-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5-aza-2-indolinone, 3-(thien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(pyrrol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(4-methylthien-2-methylidenyl)-7-aza-6-

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methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(3-bromothien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-

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indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-
indolinone, 3-(2-n-propylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-
indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-7-aza-6-
methyl-5-(pyrid-4-yl)-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-
methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-[4-(4-
chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-
indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-7-aza-6-
methyl-5-(pyrid-4-yl)-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-
5-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(3-phenoxythien-2-
methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(4-phenylethynylthien-2-
methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-phenylethynylthien-5-
methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(3-methylbenzothien-2-
methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-[2-(2-carboxyethyl)-3-
methylpyrrol-2-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(thien-2-
methylidenyl)-5-amino-7-aza-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-5-amino-
7-aza-2-indolinone, 3-(2-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-
(pyrrol-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(4-methylthien-2-methylidenyl)-
5-amino-7-aza-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5-
amino-7-aza-2-indolinone, 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-
methylidenyl]-5-amino-7-aza-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-
methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-
5-amino-7-aza-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-5-amino-7-aza-2-
indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-
(4,5,6,7-tetrahydroindol-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-chlorothien-
5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-5-
amino-7-aza-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(3-
bromothien-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-carboxy-4-ethyl-3-
methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-
trimethylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-ethoxycarbonyl-4-
methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(3,4-

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dimethylpyrrol-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5-amino-7-aza-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-5-amino-7-aza-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-5-amino-7-aza-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5-amino-7-aza-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5-amino-7-aza-2-indolinone, 3-(thien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(pyrrol-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(4-methylthien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-5-acetamido-7-aza-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-5-acetamido-

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7-aza-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(3-bromothien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5-acetamido-7-aza-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-5-acetamido-7-aza-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-5-acetamido-7-aza-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5-acetamido-7-aza-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-5-

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acetamido-7-aza-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, and 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5-acetamido-7-aza-2-indolinone.

43. The method of claim 41, wherein said second reactant is an acyl compound selected from the group consisting of the acyl portion of the following compounds: [listed in Table 1]

3-(thien-2-methylidenyl)-4-aza-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-4-aza-2-indolinone, 3-(2-methylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(pyrrol-2-methylidenyl)-4-aza-2-indolinone, 3-(4-methylthien-2-methylidenyl)-4-aza-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-4-aza-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-4-aza-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-4-aza-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-4-aza-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-4-aza-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-4-aza-2-indolinone, 3-(3-bromothien-2-methylidenyl)-4-aza-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-4-aza-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-4-aza-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-4-aza-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-4-aza-

contd.
C/7

2-indolinone, 3-(2-phenylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-4-aza-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-4-aza-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-4-aza-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-4-aza-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-4-aza-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-4-aza-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-4-aza-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-2-indolinone, 3-(thien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-methylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(pyrrol-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(4-methylthien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-5,7-diaza-6-methyl-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(3-bromothien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5,7-diaza-6-

*contd.
C7*

methyl-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5,7-diaza-6-methyl-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-5,7-diaza-6-methyl-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-5,7-diaza-6-methyl-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5,7-diaza-6-methyl-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-5,7-diaza-6-methyl-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5,7-diaza-6-methyl-2-indolinone, 3-(thien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-methylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(pyrrol-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(4-methylthien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-[4-(2-methoxycarbonyl)ethyl]-3-methylpyrrol-

contd.
C-87

2-methylidenyl]-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(3-bromothien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-

contd.
C 67

methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-5,7-diaza-6-ethylmercapto-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-5,7-diaza-6-ethylmercapto-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-5,7-diaza-6-ethylmercapto-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5,7-diaza-6-ethylmercapto-2-indolinone, 3-(thien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(pyrrol-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(4-methylthien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-[4-(2-methoxycarbonylethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-5-methyl-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(3-bromothien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-4-aza-

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Ck 7*

5-methyl-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-4-aza-5-methyl-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-4-aza-5-methyl-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-4-aza-5-methyl-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-4-aza-5-methyl-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-4-aza-5-methyl-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-5-methyl-2-indolinone, 3-(thien-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(pyrrol-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(4-methylthien-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-7-aza-5-nitro-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-7-

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C#7

aza-5-nitro-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
3-(2,4-dimethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-nitrothien-5-
methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-
methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(3-bromothien-2-methylidenyl)-7-aza-5-
nitro-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-7-aza-5-nitro-
2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-7-aza-5-nitro-
2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-
7-aza-5-nitro-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-7-aza-5-nitro-2-
indolinone, 3-(2-ethylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2,4-
diethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(4-methylmercaptothien-2-
methylidenyl)-7-aza-5-nitro-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-7-aza-
5-nitro-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-
indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-
cyclopropyl-4-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-ethyl-3-
methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-isopropyl-3-methylthien-5-
methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-
methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-7-aza-5-
nitro-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-7-aza-5-nitro-2-
indolinone, 3-(2-n-butylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-benzyl-4-
methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-n-propylthien-5-
methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-
5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(4-methoxycarbonyl-3-
methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-
[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-7-aza-5-nitro-2-indolinone, 3-[2-
[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-7-aza-5-nitro-2-
indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-7-aza-5-
nitro-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(4-
phenylethynylthien-2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(2-
phenylethynylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-(3-methylbenzothien-
2-methylidenyl)-7-aza-5-nitro-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-
methylidenyl]-7-aza-5-nitro-2-indolinone, 3-(thien-2-methylidenyl)-6-aza-2-indolinone,

contd.
3-(1-methylpyrrol-2-methylidenyl)-6-aza-2-indolinone, 3-(2-methylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(pyrrol-2-methylidenyl)-6-aza-2-indolinone, 3-(4-methylthien-2-methylidenyl)-6-aza-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-6-aza-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-6-aza-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-6-aza-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-6-aza-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-6-aza-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-6-aza-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-6-aza-2-indolinone, 3-(3-bromothien-2-methylidenyl)-6-aza-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-6-aza-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-6-aza-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-6-aza-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-6-aza-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-6-aza-2-indolinone, 3-[2-[1-methyl-3-

*contd.
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(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-6-aza-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-6-aza-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-6-aza-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-6-aza-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-6-aza-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-6-aza-2-indolinone, 3-(thien-2-methylidenyl)-5-aza-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-5-aza-2-indolinone, 3-(2-methylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(pyrrol-2-methylidenyl)-5-aza-2-indolinone, 3-(4-methylthien-2-methylidenyl)-5-aza-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-5-aza-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-5-aza-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-5-aza-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-5-aza-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-5-aza-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-5-aza-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-5-aza-2-indolinone, 3-(3-bromothien-2-methylidenyl)-5-aza-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-5-aza-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-5-aza-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5-aza-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(2-n-

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propylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-5-aza-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-5-aza-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5-aza-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-5-aza-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-5-aza-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-5-aza-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-5-aza-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5-aza-2-indolinone, 3-(thien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(pyrrol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(4-methylthien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(3,4-dimethylthien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(3-bromothien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(3,4-

confd.
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dimethylpyrrol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(3-phenoxythien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(4-phenylethynylthien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone, 3-(thien-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(pyrrol-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(4-methylthien-2-methylidenyl)-

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C#7*

5-amino-7-aza-2-indolinone, 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-[4-(2-methoxycarbonylethyl)-3-methylpyrrol-2-methylidenyl]-5-amino-7-aza-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(4,5,6,7-tetrahydroindol-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-chlorothien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2,4-dimethylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(3-bromothien-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(4-methylmercaptothien-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5-amino-7-aza-2-indolinone, 3-(2,4-diisopropylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-ethyl-3-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-isopropyl-3-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-phenylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(3-methyl-2-n-propylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-benzyl-4-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-n-propylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-5-amino-7-aza-2-indolinone, 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-

confd.
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yl]thien-5-methylidenyl]-5-amino-7-aza-2-indolinone, 3-[2-[1-methyl-3-
(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5-amino-7-aza-2-indolinone, 3-(3-
phenoxythien-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(4-phenylethynylthien-2-
methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2-phenylethynylthien-5-methylidenyl)-5-
amino-7-aza-2-indolinone, 3-(3-methylbenzothien-2-methylidenyl)-5-amino-7-aza-2-
indolinone, 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5-amino-7-aza-2-
indolinone, 3-(thien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(1-
methylpyrrol-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-methylthien-5-
methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(pyrrol-2-methylidenyl)-5-acetamido-
7-aza-2-indolinone, 3-(4-methylthien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,
3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-
indolinone, 3-[4-(2-methoxycarbonyl)ethyl]-3-methylpyrrol-2-methylidenyl]-5-
acetamido-7-aza-2-indolinone, 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5-
acetamido-7-aza-2-indolinone, 3-(2-methylmercaptothien-5-methylidenyl)-5-acetamido-
7-aza-2-indolinone, 3-(1-methylbenzimidazol-2-methylidenyl)-5-acetamido-7-aza-2-
indolinone, 3-(2,3-dimethylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-
(4,5,6,7-tetrahydroindol-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-
chlorothien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2,4-dimethylpyrrol-5-
methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-nitrothien-5-methylidenyl)-5-
acetamido-7-aza-2-indolinone, 3-(3,4-dimethylthieno[2,3-b]thien-2-methylidenyl)-5-
acetamido-7-aza-2-indolinone, 3-(3-bromothien-2-methylidenyl)-5-acetamido-7-aza-2-
indolinone, 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-
indolinone, 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5-acetamido-7-
aza-2-indolinone, 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-
methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-
5-acetamido-7-aza-2-indolinone, 3-(2-ethylthien-5-methylidenyl)-5-acetamido-7-aza-2-
indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(4-
methylmercaptothien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-[2-trifluoro-1-
(thien-2-yl)ethylidenyl]-5-acetamido-7-aza-2-indolinone, 3-(2,4-diisopropylpyrrol-5-
methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2,4-dimethylthien-5-methylidenyl)-5-
acetamido-7-aza-2-indolinone, 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5-